Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application and annexed to the International Preliminary Examination Report:

1. (currently amended)   Method for detecting the orientation of an image, comprising the steps of:
   - detecting ~~(E1, E2, E3)~~ the lines in the image,
   - calculating ~~(E4)~~, for each line detected, attributes ~~(F)~~ characterizing each line, said attribute classifying each line as being an horizontal or vertical line,
   ~~characterized in that~~ wherein it comprises the step of
   - detecting ~~(E5)~~ the orientation of the image according to the ratio of horizontal lines and vertical lines in the image.

2. (currently amended)   Method according to Claim 1, ~~characterized in that~~ wherein the step of detecting the lines in the image comprises the substeps of
   - detecting ~~(E1)~~ contours,
   - thresholding ~~(E2)~~ the gradient of luminance of the points belonging to each contour detected.

3. (currently amended) Method according to ~~one of the preceding claims, characterized in that~~ Claim 1, wherein the step ~~(E5)~~ of detecting the orientation consists of detecting by learning the orientation of the image.

4. (currently amended) Method according to ~~one of the preceding claims, characterized in that it~~ Claim 1, wherein it comprises a step of detecting the inclination of the lines detected, and that the attributes characterizing the lines detected of the image comprise parameters relating to the inclination of the lines.

5. (currently amended) Method according to ~~one of the preceding claims, characterized in that~~ <u>Claim 1, wherein</u> the lines detected are classed according to their orientation.

6. (currently amended) Device for detecting the orientation of an image, ~~characterized in that~~ <u>wherein</u> it comprises means for:
   - detecting the lines in the image,
   - calculating, for each line detected, attributes ~~(F)~~ characterizing this line,
   - detecting the orientation of the image as a function of the attributes of the set of lines detected.

7. (currently amended) Computer programme product, ~~characterized in that~~ <u>wherein</u> it comprises programme code instructions able to implement the method according to ~~one of Claims 1 to 5~~ <u>Claim 1</u>, when the programme is executed on a computer.